

Presets (Factory Settings)

Nr.	Name	Mode (C = Couple)	Max. Out Level	Ultramizer Density	Ultramizer Speed	Ultramizer Range	Denoyer Threshold	Denoyer Sensitivity	Exciter Process	Exciter Tune	Super Bass Process	Super Bass Tune	3D Surround Stereo Width	Crossover Frequency
1	Heavy Pop	C	0	100	25	12	-87	0	44	12.0 kHz	22	80	20	250 Hz
2	It's 3D	C	0	0	1	3	-87	0	20	12.0 kHz	25	85	100	100 Hz
3	The Wall	C	-1	100	32	24	-87	0	20	10.5 kHz	8	80	0	160 Hz
4	Mr. Enhancer	C	0	0	1	0	-87	0	62	12.0 kHz	60	75	0	100 Hz
5	Analog Compressor	C	-1	70	85	5	-87	0	0	12.0 kHz	0	100	0	160 Hz
6	Disco	C	-1	32	66	9	-87	0	40	10.5 kHz	50	100	15	250 Hz
7	Heavy Denoyer	C	0	15	43	0	-80	70	27	9.0 kHz	0	100	10	125 Hz
8	Light Denoyer	C	0	24	50	1	-75	33	40	7.5 kHz	0	100	10	125 Hz
9	It's Pop	C	0	50	55	3	-87	0	29	9.0 kHz	18	80	30	125 Hz
10	The Drums	C	0	70	83	6	-87	0	40	9.0 kHz	10	100	0	100 Hz
11	RMS Limiter	C	-14 (RMS)	50	20	24	-87	0	10	5.0 kHz	5	90	0	250 Hz
12	The Voice	C	-1	30	90	12	-60	10	53	5.0 kHz	0	90	0	2.0 kHz
13	Max. Headroom	C	0	88	1	3	-82	10	0	12.0 kHz	0	100	0	0.8 kHz
14	Power to the people	C	-16 (RMS)	100	1	24	-75	10	0	12.0 kHz	0	100	0	0.8 kHz
15	Want it all ?	C	-1	60	1	12	-85	25	70	8.0 kHz	15	61	65	0.32 kHz
16	Pop / Enhance	L	0	100	25	12	-87	0	44	12.0 kHz	22	80	-	250 Hz
		R	0	0	1	0	-87	0	62	12.0 kHz	60	75	-	100 Hz
17	Wall / Denoyer	L	-1	100	32	24	-87	0	20	10.5 kHz	8	80	-	160 Hz
		R	0	15	43	0	-80	70	27	9.0 kHz	0	100	-	125 Hz
18	RMS Limiter / Compressor	L	-14 (RMS)	50	20	24	-87	0	10	5.0 kHz	5	90	-	250 Hz
		R	-1	70	85	5	-87	0	0	12.0 kHz	0	100	-	160 Hz
19	Limiter / Limiter	L	-14 (RMS)	50	20	24	-87	0	10	5.0 kHz	5	90	-	250 Hz
		R	-14 (RMS)	50	20	24	-87	0	10	5.0 kHz	5	90	-	250 Hz
20	Compressor / Compressor	L	-1	70	85	5	-87	0	0	12.0 kHz	0	100	-	160 Hz
		R	-1	70	85	5	-87	0	0	12.0 kHz	0	100	-	160 Hz
21 - 50	(Default)	C	0	0	1	0	off	0	0	12.0 kHz	0	100	0	100 Hz

*) You can change the MAX. OUT LEVEL parameter from Peak to RMS mode by pressing the MAX. OUT LEVEL key for about 2 seconds.

MIDI

MIDI Implementation Chart				
Function		Transmitted	Recognized	Remarks
Basic	Default	OFF, 1 - 16	OFF, 1 - 16	memorized
Channel	Changed	OFF, 1 - 16	OFF, 1 - 16	
Mode	Default	1,2,3,4	1,2,3,4	
	Messages Altered	X X	X X	
Note Number		X	X	
	True Voice	X	X	
Velocity	Note ON	X	X	
	Note OFF	X	X	
After Touch	Keys	X	X	
	Channels	X	X	
Pitch Bender		X	X	see add. Table
Control		O 70 - 87	O 70 - 87	
Progr.		O (0-49)	O (0-49)	
Change	True #	1-50	1-50	
System Exclusive		X	X	
System Common	Song Pos.	X	X	
	Song Sel.	X	X	
	Tune	X	X	
System Real Time	Clock	X	X	
	Commands	X	X	
Aux Messages	Local ON/OFF	X	X	
	All notes OFF	X	X	
	Active Sense	X	X	
	Reset	X	X	
Notes				
O = YES, X = NO				
Mode 1:		OMNI ON, POLY		
Mode 2:		OMNI ON, MONO		
Mode 3:		OMNI OFF, POLY		
Mode 4:		OMNI OFF, MONO		

Parameter Name	Display Range	Midi Control Number	Control Value Range
Max. Out Level	-48 .. 0	70	0 .. 48
RMS Mode		71	0 = Peak, 1 = RMS
Stereo Width	0 .. 100	72	0 .. 100
Ultramizer Density	0 .. 100	73	0 .. 100
Ultramizer Speed	1 .. 100	74	0 .. 99
Ultramizer Range	0 .. 24	75	0 .. 24
Denoyer Threshold	OF, -90 .. 0	76	0 .. 91
Denoyer Sensitivity	0..100	77	0 .. 100
Left / Right	-	78	0 = coupled, 1 = L, 2 = R
Exciter Process	0 .. 100	79	0 .. 100
Exciter Tune	4 .. 12	80	0 .. 100
Super Bass Process	0 .. 100	81	0 .. 100
Super Bass Tune	50 .. 150	82	0 .. 100
Crossover	20 (Hz) .. 20 (kHz)	83	0 .. 30
Low Mute	-	84	0 = On, 1 = Mute
High Mute	-	85	0 = On, 1 = Mute
Store	-	86	0 .. 49
In / Out	-	87	0 = Out, 1 = In

ULTRAMIZER[®] PRO

DSP1400P

